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| 23448   | 7590 11/16   | /2007   | 100  |   |   |  |   |
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|   |  | 4 TRA   | DEMARKORP  | 1   | 1/28/20   | 07   | (Date)  |
| APPLICATION NO.   | FILING DATE  |   | FIRST NAMED INVENTOR   |   | ATTORNEY I  | OCKET NO.  | CONFIRMATION NO.  |
| 10/712,351  | 11/13/2003   |   | Xueping Xu   | -   | 4241  | -685   | 1430  |
| TITLE OF INVENTION  | : LARGE AREA, UNI  | FORMLY LOW DISLO  | OCATION DENSITY GA   | N SUBSTRATE AI  | ND PROCES   | S FOR MAKE   | NG THE  |
| APPLN, TYPE   | SMALL ENTITY   | ISSUE FEE DUE   | PUBLICATION FEE DUE  | PREV. PAID ISSUE  | FEE TOTA  | AL FEE(S) DUE  | DATE DUE  |
| nonprovisional  | NO   | \$1440  | \$300  | so<br>11/29   | )/2007 MGE  | \$1740<br>BREM2 00000  | 02/19/2008<br>020 10712351  |
| EXAMI   | NER  | ART UNIT  | CLASS-SUBCLASS   | RI CC. 1501   |   |  |   |
| SPEER, TIM  | ЮТНҮ М   | 1794  | 428-698000   | 02 FC   | :1504   |  | 1440.00 OP  |
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. |  |   | (1) the names of up to<br>or agents OR, alternative<br>(2) the name of a single<br>registered attorney or a                | single firm (having as a member a cy or agent) and the names of up to at attorneys or agents. If no name is |   |  |   |
|   | ss an assignee is identi<br>in 37 CFR 3.11. Comp<br>NEE                        |   | (B) RESIDENCE: (CITY   | atent. If an assigned assignment.   |   | l below, the do  | cument has been filed for   |
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|   | SMALL ENTITY statu   | s. See 37 CFR 1.27.   | b. Applicant is no long  | ger claiming SMALI  | . ENTITY str  | atus. See 37 CF  | R 1.27(g)(2).   |
| Authorized Signature  | Vant 7 &   | huf   |  | Date Novem  |   |  |   |
| Typed or printed name   |  |   |  | Registration No   |   |  |   |
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re United State | s Patent Application of:  | Docket No.:                  | 4241-685         |
|--------------------|---|------------------------------|------------------|
| Applicants:        | XU, Xueping, et al.   | )<br>Conf. No.:<br>)         | 1430             |
| Application No.:   | 10/712,351  | )<br>Art Unit:               | 1794             |
| Date Filed:        | November 13, 2003   | Examiner:                    | Timothy M. Speer |
| Title:             | LARGE AREA, UNIFORMLY<br>LOW DISLOCATION<br>DENSITY GAN SUBSTRATE<br>AND PROCESS FOR<br>MAKING THE SAME | Customer No.:  Customer No.: | 23448            |

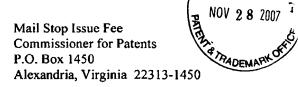
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| 4 pages           |
|-------------------|
| Number of Pages   |
| Kristin Robert    |
| Kristin Robinett  |
| November 28, 2007 |
| Date              |

SUBMISSION OF ISSUE FEE IN U.S. PATENT APPLICATION NO. 10/712,351

4241-685



Sir:

Enclosed is the completed Issue Fee Transmittal, along with a Credit Card Form authorizing payment of the amount of \$1,740.00 (\$1,440.00 for the issue fee and \$300.00 for the publication fee), in response to the Notice of Allowance dated November 16, 2007 in the above-identified patent application.

Respectfully submitted,

Vincent K. Gustafson/ Reg. No. 46,182

Attorney for Applicants

INTELLECTUAL PROPERTY/ TECHNOLOGY LAW Phone: (919) 419-9350 Fax: (919) 419-9354 Attorney File No.: 4241-685

Enclosures: Issue Fee Transmittal [1 pg.] Credit Card Form [1 pg.]

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